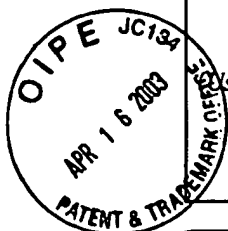


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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

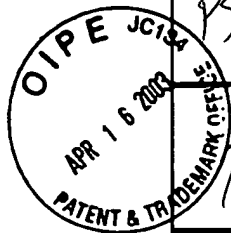
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PK	WO 98 00435	08.01.98	US	C07H	21/00	x	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

PK			Willson, Richard C. Et. al., Immobilized-metal affinity separation of nucleic acids. Abstracts of Papers America Chemical Society vol. 221, no. 1-2, 2001 Page BIOT 89 XPO08013459
PK			Fanou-AYI; et. al. "Metal-chelate affinity chromatography as a separation tool. Annals of the New York Academy of Science United States 1983. Vol. 413, 1983, pages 300-306, XP008013296.
PK			Hubert P. et. al. Metal Chelate Affinity Chromatography; 1. Influence of Various Parameters on the Retention of Nucleotides and Related Compounds. Journal of Chromatography, vol. 198, no. 3, 1980, pages 247-256. XP001109605
PK			Hubert P, et. al. Metal Chelate Affinity Chromatography 2. Group Separation of Mono Nucleotides and DI Nucleotides. Journal of Chromatography vol./ 206, no. 1, 1981, pages 164-168, XP001109604
PK			Kothari RM; Fractionation of DNA on a Metal ION Equilibrated Cation Exchanges Part 1 Chromatographic Profiles of DNA on An IR-120 Aluminum ION Column. Journal of Chromatography. Vol. 52, no. 1, 1970, pages 119-129.XP008013369

PATRICK PIGGINS

2/2/05



PSR			Kothari RM; Some aspects of Fractionation of DNA on an IR-120 Trivalent Aluminum Column Part 2 Effect of the Physical State of DNA on Chromatographic Profiles. Journal of Chromatography, vol. 53, no. 3, 1970, pages 580-583. XP001109612
PSR			Gruenwedel DW, et. al. Mercurated Dextran Column Chromatography For Fractionating Mono Nucleotides. Proceedings of the National Academy of Sciences of the United States. Vol. 68. No.9, 1971, pages 2002-2005. XP008013376
PSR			Dobrowolska, G, et.al., Model Studies on Iron-II Ion Affinity Chromatography Interaction of Immobilized Metal Ions with Nucleotides. Journal of Chromatography, vol. 541, no. 1-2, 1991, pages 333-340 XP008013339
PSR			Holmes, Leonard D. et. al. Immobilized iron (III) metal affinity chromatography for the separation of phosphorylated macromolecules; Ligands and applications. Journal of Liquid Chromatography & Related Technologies, vol. 20, no. 1, 1997, pages 123-142. XP008013292
PSR			Ferreira GNM, et. al. Downstream Processing of plasmid DNA for gene therapy and DNA vaccine applications. Trends in Biotechnology vol. 18, no.9 1 September 2000 pages 380-388, XP004214265
			PCT International Search Report.
EXAMINER			DATE CONSIDERED
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